

DINULOVIC, Dusan, dr.; POIJAKOVIC, Ljubica mr. ph.

Determination of ovulation by the Takata-Ara reaction. Med.
glas. 19 no.1:26-28 Ja '65.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta u Beogradu
(Upravnik: prof. dr. B. Milosevic).

DUKIC-TADIC, Mirjana; BERKES, Ivan; POLJAKOVIC, Ljubica; PETRONIJEVIC, Aleksandar

Histamine and pregnandiol excretion in normal and complicated pregnancy with special reference to puerperium. Srpski arh. celok. lek. 92 no.12:1183-1189 D '64.

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Univerzитета u Beogradu (Upravnik: prof. dr. Bosiljka Milosevic) i Biohemijski institut Farmaceutskog fakulteta Univerzитета u Beogradu (Upravnik: prof. dr. Ivan Berkes).

YUGOSLAVIA

Lj. POLJAKOVIC, J. ROSTO and I. BERKES, Department of Biochemistry (Institut za Biohemiju) School of Pharmacy (Farmaceutski Fakultet) Belgrade.

"Determination of Alkali-Resistant Hemoglobin."

Belgrade, Arhiv za Farmaciju, Vol 12, No 3, 1962; pp 309-311.

Abstract [English summary modified]: Hemolysates of erythrocytes of unspecified number of healthy adults were 100% resistant to alkaline denaturation; all of 12 fetal (umbilical cord blood) hemolysates were susceptible to 50 to 70%. Mixing adult and fetal bloods gave results as anticipated except in the 1:6 ratio which gave high error rate. Method is considered reliable and fast enough for clinical use. Four tables, 5 references: 1 German thesis, 4 English.

POLJAKOVIC, Lj.

SURNAME (in caps); Given Name

Country: Yugoslavia

Academic Degrees: (not given)

Affiliation: Clinic for Gynecology and Obstetrics, Biochemical Laboratory
(Ginekološko-akuserska klinika, biokemijska laboratorija) Belgrade

Source: Belgrade, Arhiv za Farmaciju, Nr 6, 1960, pp 441-444.

Data: Amount of Neutral 17-Ketosteroids [Androgens] Secreted during
Menstrual Cycle and Pregnancy!

Author(s)

OVAKOVIC, S.
POLJAKOVIC, Lj.

1

M

*Heterogeneous-Homogeneous Catalysis. $H_2 + O_2$ in the Presence of Platinum. M. W. Poljakow, P. M. Stadnik, and A. T. Elkenbard (*Acta Physicochimica U.R.S.S.*, 1935, 1, 817-820).—[In German.] The mechanism of the catalysis of the reaction $H_2 + O_2 \rightarrow H_2O$ by platinum is investigated. —I. S. G. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECOND DIVISION

SECOND DEPT DIV ONE

DEPT ONE

DEPT ONE DIV ONE

POLJANAC, Branko, ing. (Beograd, Generala Mihaila Zivkovica 3/1)

Promotion of the organization of work in low building construction.
Tehnika Jug 16 no.11:1929-1932 '61.

1. Organ nadzorne sluzbe Direkcije za puteve grada Beograda.

POLJANIC, N.

Standardization in the hygienic and technical protection of work.

p. 1760 (Tehnika) Vol. 12, no. 10, 1957, Belgrade, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

[illegible]

POLJANSEK, A.

The modern method of work and the organization of production in quarries. (To be contd.) p. 13.

(Izgradaja, Vol. 11, No. 2, Feb. 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) 1c. Vol.6, No. 8, Aug 1957. Uncl.

NOVAK, Franc; KOVACIC, Jule; HREN, Marjeta; PESTEVSEK, Rihard;
POLJANSEK, Rado; STUDZIK, Marija; SAVNIK, Leo

How to improve the treatment of carcinoma of the cervix
uteri. Srpski arh. celok. lek. 91 no.9:773-782 S'63

1. Ginekolosko-akuserska klinika Medicinskog fakulteta Uni-
verziteta u Ljubljani (upravnik: prof. dr. Franc Novak) i
Onkoloski institut u Ljubljani (upravnik: prof. dr. Leo
Savnik).

*

[illegible]

BC

B-T-8

Preparation of chemically pure hydrochloric acid. T. Y. Finckamp (J. Chem. Ind. Russ., 1926, 12, 804-806).—A₁, HCl containing HCl 97-98, H₂O, < 0.0002, SO₂, < 0.0002, Cl₂, < 0.002, Fe 0.000002, and As 0.000005%, is prepared by passing the HCl successively through conc. HCl, active C at room temp. and then at 100-120°, active C coated with conc. HCl, C at room temp., and finally absorbing in H₂O. R. T.

AISI-SAE METALLURGICAL LITERATURE CLASSIFICATION

UNION PA	SECTION MAP ONE ONE	INSTITUTE	AUTHOR INDEX
11 10 9 8 7 6 5 4 3 2 1	11 10 9 8 7 6 5 4 3 2 1	11 10 9 8 7 6 5 4 3 2 1	11 10 9 8 7 6 5 4 3 2 1

POLJANSKIJ, N.G. [Polyanskiy, N.G.]; TULUPOV, P.Je. [Tulupov, P.E.]

Methods of determining the thermal resistance of strongly acid cation exchange resins in organic liquids. Chem prum 13 no.10: 550-553 0 '63.

1. Novokujbysevskaja pobočka vedecko-vyzkumného ústavu syntetických alkoholů a organických latek, Novokujbyjevsk.

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																										1ST AND 2ND ORDERS																									
<i>BC</i> Solubility of lime in water at different temperatures. M. M. POLJATICHENKO (Zapiski, 1937, 4, 44, 45; Int. Sugar J., 1938, 40, 160).—Solutions saturated with $\text{Ca}(\text{OH})_2$ contain 0.13% CaO at 10°, 0.124% at 20°, 0.107% at 40°, 0.088% at 60°, and 0.068% at 80°. J. P. O. <i>2-1</i>																																																			
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POLJOPRIVREDA.

Poljoprivreda - (Društvo poljoprivrednih inženjera i tehnicara NR Srbije) Zagreb.
(Journal issued by the Serbian Society of Agricultural Engineers and Technicians. Monthly).
Recurrent features: Reviews and novelties in technical agriculture: Work of the Society.

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11
November 1955, Uncl.

POLJOPRIVREDA

POLJOPRIVREDA. (Društvo poljoprivrednih inženjera i tehničara NR Srbije) Beograd.
(Journal issued by the Servian Society of Agricultural Engineers and
Technicians. Monthly
Recurrent features: Reviews and novelties in technical agriculture;
Work of the Society.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), LC, VOL, 49no. 9
Sept. 1954

POLJOUTA, S. E.

"Sur le dedoublement oxydatif du tetramethylbutindiol." by Lvov, Akopjan, A. E. and Poljouta, S. E. (p 298)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1941, vol 11, no 1.

POLJSAK, T.

POLJSAK, T.

Yugoslavia (430)

Production attached to the Planning Commission of Slovenia. Summaries in English. Articles classified according to Decimal classification). Vol. 1, no 2-3-4, Dec 1, 1950.

East European Accessions List. Library of Congress, Vol 1, no 13, November 1952.

UNCLASSIFIED. "Card 2 of 2"

POLJSAK, T.

POLJSAK, T.

Yugoslavia (430)

Technology - Serials

Basic figures. p 75. NOVA PROIZVODNJA. (Uprava za napredek v proizvodnji pri planski komisiji LR Slovenije) Ljubljana. (Illustrated bimonthly on production issued by the Administration for the Improvement of

East European Accessions List. Library of Congress, Vol 1, no 13, November 1952.
UNCLASSIFIED. "Card 1 of 2"

POLJUGAN, B.

PETROVIC, F.; POLJUGAN, B.

Case of villous tumor of the stomach (adenocarcinoma) Acta chir.
iugosl. 1 no.3:287-294 1954.

1. Kirurški odjel Opće bolnice dr. M.Stojanovica (predstojnik prim.
dr. A.Gottlieb), Zavod za rentgenologiju Opće bolnice dr. M.Stojanovica
(predstojnik prof. dr. S.Kadruka) u Zagrebu.
(STOMACH, neoplasms
adenocarcinoma, papillary)

POLJUGAN, Branko, Dr.; FRLAN, Marija, dr.; KULCAR, Zivko, dr.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341820002-0"

Epidemiology of burns in children. Higijena, Beogr. 7 no.1-4:
1955.

1. Dječja bolnica; Kirurški odjel, Zagreb, Centralni higijenski
zavod, Zagreb.
(BURNS, in inf. & child
statist. (Ser))

Burn Studies

YUGOSLAVIA

POLJUGAN, Primarius Dr. Branko

"Treatment of Systemic Disturbances in Burned Patients Under Conditions of Mass Disaster"

Beograd, Meditsinski Glasnik, Vol 20, No. 3-4, Mar-Apr 66; pp 107-109

Abstract: Review of the classification of burns by extent of area burned and by depth; cause of the burn reaction; methods of treatment with especially detailed attention to fluid replacement and electrolyte control as well as adrenal support. The need for early skin transplantation to cover the granulating surface is stressed. Manuscript received 28 Feb 66.

1/1

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341820002-0"

OLINSKIY, Moisey Yakovlevich; SHILATOSHIKOV, Vladimir Ivanovich;
POLKANOV, A., obshchestvennyy red.; ISUPOVA, N., tekhn. red.

[The Crimea; guidebook and directory] Krym; putevoditel-
spravochnik. Izd.5. Simferopol', Krymizdat, 1963. 202 p.
(MIRA 16:9)

(Crimea--Guidebooks)

POLKANOV, A. A.

DECEASED

1964

Geology
geological time
Pre-Cambrian Stratigraphy

c. '63

Polkanov, Aleksandr Alekseyevich

16 LKANDU, 11/06/1994, 1994-1995

POLKANOV, Aleksandr Ivanovich; OLINSKIY, M., red.; KISELEV, B., tekhn.red.

[Alupka, palace, museum and park; a brief guidebook] Alupka -
dvorets-muzei i park; kratkii putevoditel'. Simferopol', Krymizdat,
1957. 49 p. (MIRA 11:3) .
(Alupka--Description)

POLKANOV, Aleksandr Ivanovich; YARMYSH, Yu., red.; KHOMENKO, V.,
red.

[Sudak; a tourist's guide] Sudak; sputnik turista. Simfe-
ropol', Krymizdat, 1960. 91 p. (MIRA 18:5)

POLKANOV, A.V.

3(5)

AUTHORS:

Baranov, V. I., Knorre, K. G.

SOV/7-59-6-14/17

TITLE:

Chronicle. The VIII Session of the Commission for the Determination of the Absolute Age of Geological Formations (at the Otdeleniye Geologo-geograficheskikh nauk AN SSSR (Department of Geological-geographical Sciences AS USSR), May 18 - 22, 1959, Moscow)

PERIODICAL:

Geokhimiya, 1959, Nr 6, pp 562 - 563 (USSR)

ABSTRACT:

The 8th regular session of the (Commission on the Determination of the Absolute Age of Geological Formations) was held in Moscow from May 18 to May 22, 1959 at the Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy). A series of summarizing reports was held on age determinations in the most important parts of the USSR, which are to be presented to the 21st International Geological Congress. The following reports are concerned:

A. V. Polkanov, E. K. Gerling: Problems of the absolute age of the Precambrian of the Baltic Shield.

A. P. Vinogradov, L. V. Komlev, A. I. Tugarinov: The absolute age of the Ukrainian crystalline shield.

P. P. Semenenko, Ye. S. Burkser, and M. N. Ivantishin: Age

Card 1/4

Chronicle. The VIII Session of the Commission SOV/7-59-6-14/17
for the Determination of the Absolute Age of Geological Formations (at
the Otdeleniye Geologo-geograficheskikh nauk AN SSSR (Department of
Geological-geographical Sciences AS USSR); May 18 -- 22, 1959, Moscow)

groups of the mineralization of the rocks of the Ukraine in
their absolute age.

A. P. Vinogradov, A. I. Tugarinov, K. G. Knorre, and Ye. V.
Bibikova, V. V. Zhirova, S. I. Zykov: The age of the Precambrian
rocks of the crystalline fundament of the Russian Platform.
I. Ye. Starik, A. Ya. Krylov, M. G. Ravich, Yu. I. Silin: The
absolute age of the rocks of the eastern part of the Antarctic
continent.

A. Ya. Krylov: The absolute age of the rocks of the Tsentral'nyy
Tyan' Shan' and the employment of the argon method for
metamorphous and sedimentary rocks.

G. D. Afanas'yev: Results of the geochrony formations of the
Caucasus.

L. P. Ovchinnikov and M. A. Garris: Age of the geological
formations of the Urals and the Priural'ye (Cis-Urals).

N. I. Poleva and G. A. Nurina, G. A. Kazakov: Absolute age de-
termination of the sedimentary and volcanic formations.

L. P. Krasnyy and N. I. Poleva: Absolute age of the magmatic

Card 2/4

Chronicle. The VIII Session of the Commission SOV/7-59-6-14/17
for the Determination of the Absolute Age of Geological Formations (at
the Otdeleniye Geologo-geograficheskikh nauk AN SSSR (Department of
Geological-geographical Sciences AS USSR), May 18 - 22, 1959, Moscow)

rocks of the (Soviet) Far East.

L. V. Komlev: Absolute age of the granite intrusions of
Kazakhstan.

The research work of a number of laboratories, RIAN, GEOKhI,
LAGED, VSSEGEI, and UFAN, etc aroused great attention, especial-
ly a report of E. K. Gerling, Yu. A. Shukolyukov on the con-
centration of the isotope Ar^{38} in uranium minerals as well as
the comprehensive research work carried out by the vozrast-
naya laboratoriya Akademii nauk Gruzinskoy SSR (Laboratory
of Age Determination of the Academy of Sciences of the Gru-
zinskaya SSR) under the application of isotopic dilution and
flame photometry. The determination of the age of sedimentary
rocks was discussed; A. Ya. Krylov proved in his report how
well radiogenic argon is conserved in desbroyed products of
rocks such as boulders, sands, sandstones, clays, and muds.
A. I. Tugarinov and S. I. Zykov were the first to attempt to
determine the absolute age of sedimentary carbonate formations
according to isotopic composition of lead. D. I. Shcherbakov

Card 3/4

Chronicle. The VIII Session of the Commission SOV/7-59-6-14/17
for the Determination of the Absolute Age of Geological Formations (at
the Otdeleniye Geologo-geograficheskikh nauk AN SSSR (Department of
Geological-geographical Sciences AS USSR), May 18 - 22, 1959, Moscow)

reminded of the resolution approved at the 7th session to draw
standard maps for the age determination, which would serve a
more accurate stratigraphic distribution, and the compilation
of a Soviet table of absolute age. I. Ye. Starik spoke about
control of standard samples of biotite, muscovite and micro-
cline which had been collected under the direction of G. D.
Afanas'yev. The results achieved by the individual laboratories
are in good agreement. J. L. Culp, Professor of Columbia
University participated also in the session. His report on a
new geochrony table caused vivid attention. The resolutions
of the 8th session contain the plan of a Soviet geochrony table
which is to be designed under the direction of a commission.
Holmes' well-known scale is to be used as a basis of the new
table to be drawn by Soviet scientists under consideration
of necessary improvements and completions.

Card 4/4

POLKANOV, F.

Gambusia. IUn.nat. no.2:32-33 My '56.
(Gambusia)

(MLRA 9:11)

POLKANOV, F.

A fish that can "write" words. IUn. nat. no.9:15 § '57.(MIRA 10:9)
(Fishes)

POLKANOV, E.

Set up an aquarium! IUn.nat. no.8:27-28 Ag '57.
(Aquariums)

(MLBA 10:8)

POLKANOV, F. M.

USSR/Medicine - Flies

Dec 47

Medicine - Heredity Mechanism

"Time of Development of Curl Indications in the Drosophila Melanogaster," S. I. Alikhanyan, F. M. Polkanov, Moscow State U imeni M. V. Lomonosov, 3 pp

"Dok Akad Nauk SSSR, Nova Ser" Vol LVIII, No 7. Submitted 26 May 1947.

Dominant mutation of curl in Drosophila melanogaster was first observed in 1918. This type of Drosophila has very severely curled wings. Observed that curl indications depend on temperature at which flies were born. Low temperatures produced various results: in some cases curling intensified; in others diminished. Submitted by Academician I. I. Shmal'gauzen, 26 May 1947.

PA 60T52

POLKANOV, Fedor Mikhaylovich; ARKHAROVA, L.Ya., red.; LEBEDEV, O.S.,
tekhn. red.

[Behind a glass shore] Za stekliannym beregom. Moskva, Izd-
vo "Detskii mir," 1963. 56 p. (MIRA 16:12)
(Aquariums)

SIDOROV, Fedor Filippovich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M.,
kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T.,
inzh., red.; IGnat'yev, M.G., agronom, red.; PICHAK, F.I., kand.
tekhn.nauk, red.; PLAKSIN, V.N., inzh., red.; POLKANOV, I.P.,
kand.tekhn.nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Mechanic for combines and agricultural machinery] Slesar' po
remontu kombainov i sel'skokhoziaistvennykh mashin. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 107 p.

(MIRA 14:3)

(Agricultural machinery--Maintenance and repair)

L 42970-65 EWT(d)/EMP(1)
ACCESSION NR: AR5008892

S/0273/65/000/002/0005/0005

SOURCE: Ref. zh. Dvigatelyey vnutrennego sgoraniya. Otd. vyp., Abs. 2.39.28

AUTHOR: Polkanov, I. P., Gudkov, I. G.

TITLE: Verifying the condition of engine couplings without dismantling

CITED SOURCE: Tr. Ul'yanovskogo s.-kh. in-ta, v. 10, no. 2, 1964, 22-30

TOPIC TAGS: engine maintenance, crankgear coupling wear, camshaft bushing wear, oil pressure calibrator, noise meter, gauge design, internal combustion engine

TRANSLATION: The wear of crankgear couplings and camshaft bushings can be verified by measuring the pressure in the oil system with a hydraulic calibrator. The latter is equipped with removable calibrated plug gauges, a distributor valve and a pressure gauge. The instrument can also be used to verify pressure differentials at the filters. Pressure differentials provide a criterion for evaluating the clogging of filter elements. A noise-type gauge for checking couplings consists of a piezoelectric sensor, a transistorized amplifier of low frequencies and a receiver. A microammeter with a scale of 0-100 ma serves as the receiver of amplified oscillations. The sensor has a circular magnet for attaching it at any

Card 1/2

I 42970-65

ACCESSION NR: AR5008892

given location. A wiring diagram is presented for the noise gauge. D. Sorokin

SUB CODE: PR, IE

ENCL: 00

RJP
Card 2/2

ZGIRSKIY, Cheslav Iosifovich; ALEKSEYEV, G.P., inzh., red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; FEDOROV, N.G., kand.tekhn. nauk, red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand. tekhn. nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; MARCHENKOV, I.A., tekhn. red.

[Reconditioning of tractor parts] Vosstanovlenie detalei traktorov.
Izd.2., ispr. i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1960. 141 p. (MIRA 14:12)
(Tractor--Maintenance and repair)

VASIL'YEV, Nikolay Alekseyevich; ABRAMOV, Georgiy Aleksandrovich;
SERGEYEV, M.P., prof., red.; ALEKSEYEV, G.P., inzh., red.;
BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.;
KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.;
PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.
nauk, red.; DUGINA, N.A., tekhn.red.

[Repair of machinery according to a yearly chart] Remont mashin
po kruglogodovomu grafiku. Pod red. M.P.Sergeeva. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 66 p.
(MIRA 14:2)

(Agricultural machinery--Maintenance and repair)

BELOUSOV, Semen Nikolayevich; ALEKSEYEV, G.P., inzh., red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; FEDOROV, N.G., kand.tekhn. nauk, red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand. tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Machines for the reclamation of new lands] Mashiny dlia razrabotki novykh zemel'. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1980. 69 p. (MIRA 13:7)
(Reclamation of land)

DUNAYEV, Petr Aleksandrovich; RAYTSES, Veniamin Borisovich; ALEKSEYEV, G.P., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn. nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Forging in the repair of agricultural machinery] Kuznechnoe delo v remonte sel'skokhoziaistvennoi tekhniki. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 158 p.

(MIRA 14:1)

(Forging) (Agricultural machinery--Maintenance and repair)

KURATOV, Aleksey Ivanovich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M.,
kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T.,
inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOVA, I.P.,
kand.tekhn.nauk, red.; SOBOLEV, L.A., inzh., red.

[Running-in and testing of motor-vehicle engines after repair]
Obkatka i ispytanie avtotraktornykh dvigatelei posle remonta.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
75 p. (MIRA 13:5)
(Motor-vehicles--Engines--Maintenance and repair)

KUZ'MOV, Nikolay Terent'yevich, inzh.; ALEKSEYEV, G.P., inzh., red.;
BUSHUYEV, H.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.;
KALENICHENKO, P.T., inzh., red.; IONAT'YEV, M.G., agronom, red.;
PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.
nauk, red.; DUGINA, N.A., tekhn.red.

[Efficient use of machinery in harvesting by separate stages]
Ratsional'noe ispol'zovanie mashin na razdel'noi uborke. Moskva.
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 101 p.
(MIRA 13:5)

(Harvesting machinery)

POLKANOV, I.P.; VEDENYAPIN, G.V., doktor tekhn. nauk, prof.,
retsenzent; KANIN, Yu.N., inzh., red.

[Theory and design of machine and tractor units] Teoriia
i raschet mashino-traktornykh . Izd.2., perer. i dop.
Moskva, Izd-vo "Mashinostroenie," 1964. 254 p.
(MIRA 17:5)

POLKANOV, I. P.

KURATOV, Aleksey Ivanovich; PICHAK, F.I., kandidat tekhnicheskikh nauk, redaktor; POLKANOV, I.P., kandidat tekhnicheskikh nauk, retsenzent; DUGINA, N.A., tekhnicheskiiy redaktor.

[Running in and testing automobile and tractor engines after repair] Obkatka i izpytanie avtotraktornykh dvigatelei posle remonta. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1956. 55 p. (MLRA 10:6)

(Tractors--Engines--Testing)

(Automobiles--Engines--Testing)

POLKANOV, I. P.

VAGANOV, Aleksandr Konstantinovich; BEZUKLADNIKOV, M.A., inzh., red. vypuska; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand. tekhn.nauk, red.; KUZ'MOV, N.T., inzh., red.; PICHAK, P.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Efficient use of tractor diesel engine] Kak luchshe ispol'zovat' dvigatel' dizel'nogo traktora. Izd.2., dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 110 p.

(MIRA 12:12)

(Tractors--Engines)

POLKANOV, I.P.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
 BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
 YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.;
 KUZ'MOV, N.T.; PATSKOVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.;
 RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
 KHANZHIN, P.K.; CHEREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk;
 retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand.
 tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent;
 IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent;
 SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora
 sel'skogo khoziaistva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
 lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and
 implements, and operation of machine and tractor yards] Traktory i
 avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia
 mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p.
 (MIRA 10:12)

(Machine-tractor stations)

~~POLKANDY, Ivan Petrovich~~; SERGEYEV, M.P., prof., red.; KHARITONCHIK, Ye.M.,
prof., retsenzent; DUGINA, N.A., tekhn.red.

[Theory and analysis of machine-tractor units] Teoriia i raschet
mashinno-traktornykh agregatov. Pod red. M.P. Sergeeva. Moskva,
Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 211 p.
(MIRA 12:2)

(Agricultural machinery)

(Tractors)

SIDOROV, Fedor Filippovich; NAUMOV, G.I., inzh., retsenzent; PICHAK, F.I.,
kand. tekhn. nauk, red.; POIKANOV, I.P., kand. tekhn. nauk, red.;
SARAFANNIKOVA, G.A., tekhn. red.

[Progressive practices in using sugar beet, potato, and flax
harvesters] Peredovoi opyt ispol'zovaniia sveklokombainov,
kartofelekombainov i mashin dlia uborki l'na. Moskva, Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 76 p.
(Harvesting machinery) (MIRA 11:7)

PYATETSKIY, Boris Grigor'yevich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, P.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Recent developments in the repair of agricultural machinery]
Novoe v remonte sel'skokhoziaistvennoi tekhniki. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 99 p.

(MIRA 13:9)

(Agricultural machinery--Maintenance and repair)

POLKANOV, I.P.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
 BELINICHIEV, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
 YMS'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.;
 KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, P.I.; PAYTSES, V.B.;
 RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
 KHANZHIN, P.K.; CHERNOMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn.
 nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBAYEV, Z.S.,
 kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk,
 retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M.,
 inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A.,
 tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik
 mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and
 agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh
 mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-
 vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
 (Agricultural machinery—Maintenance and repair)

POLKANOV, I. P.

USSR/ Engineering - Mechanics

Card 1/1 Pub. 128 - 8/35

Authors : Sergeyev, M. P., Prof., and Polkanov, I. P., Engineer

Title : On measuring the mechanical work of a pull

Periodical : Vest. mash. 35/3, 22 - 25, Mar 1955

Abstract : The principles of the working of an instrument for measuring the work done by a tractor are explained in the terms of the science of mechanics. The mathematical computations involved in its design are presented. An account is given of tests run with four variants of this instrument, to which a name equivalent to "workmeter" is given. One Soviet reference (1940). Illustrations.

Institution :

Submitted :

PYATETSKIY, Boris Grigor'yevich; POLUYANOV, V.T., red.vypuska; ALEKSEYEV, G.P.,
inzh., red.; BUNHUYEV, N.M., kand.tekhn.nauk; red.; GUTMAN, I.M., inzh.,
red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKAROV, I.P., kand.tekhn.
nauk, red.; DUGINA, N.A., tekhn.red.

[Grinding and lapping of motor vehicle parts] Pritirka i dovodka
avtotraktornykh detalei. Izd.2. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1959. 109 p. (MIRA 12:12)
(Grinding and polishing) (Motorvehicles--Maintenance and repair)

POLKANOV, L.D., kand.tekhn.nauk, dotsent

Efficiency of centripetal, radial-flow turbines. Trudy GPI 15
no.1:89-95 '61 [i.e. '59]. (MIRA 15:11)
(Marine gas turbines)

POLKANOV, L.D., kand. tekhn. nauk, dotsent

Selecting a degree of regeneration for marine gas turbine
plants. Trudy GPI 17 no.5:27-33 '61. (MIRA 16:6)

(Marine gas turbines)
(Heat regenerators)

POLKANOV, L.D.; ZHIGLEVICH, S.V., kand. tekhn. nauk, dots.,
otv. red.; KHRYAPCHENKOV, A.S., kand. tekhn. nauk,
dots., otv. red.; KOZYULINA, R.M., red.

[Marine gas turbine installations; manual] Sudovye gazo-
turbinnye ustanovki; uchebnoe posobie. Gor'kii. Pt.2.
[Turbocompressors, heat exchangers, combustion chambers]
Turbokompresory, Teploobmenniki, Kamery sgoraniia. 1963.
155 p. (MIRA 17:9)

1. Gorki. Politekhnikheskiy institut.

S/124/62/000/005/020/048
D251/D308

AUTHOR: Polkanov, I.D.

TITLE: Coefficient of useful action of a centripetal radial turbine

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 5, 1962, 44, abstract 5B265 (Tr. Gor'kovsk. politekhn. in-ta, 1961, v. 15, no. 1, 89 - 96)

TEXT: For a step turbine with straight radial blades the dependence of the efficiency on the circumference of the wheel is deduced from the geometrical and kinematic step parameters. Calculation by this formula shows the influence on the efficiency of the relative velocity of the current at the egress from the working blades and the ratio of the inner and outer radii of the working wheel. [Abstractor's note: Complete translation].

Card 1/1

POLKANOV, N.Ye. ---

"Specific Interior Temperature of Horses Stricken by Covering Disease(Dourine)."
SO: Veterinariya, Vol.20, No.3/4, March/April 1943, uncl.

POLKANOV, L. D.

Polkanov, L. D. "Calculation for steam-jet ejectors," Trudy Gor'k. industr. in-ta im. Zhdanova, Vol. VII, Issue 2, 1948, p. 43-66 - Bibliog: 6 items

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

16.1.1958, no. 2.
POLKANOV, M.I.; GUSEV, I.S., aspirant.

Ultraviolet irradiation of cows on the "Krekshino" State Farm.
Zhivotnovodstvo 20 no.1:48 Ja '58. (MIRA 11:1)

1. Starshiy veterinarnyy vrach sovkhoza "Krekshino" Moskovskoy oblasti (for Polkanov). 2. Vsesoyuznyy institut zhivotnovodstva (for Gusev).

(Ultraviolet rays--Physiological effect) (Cows)

FOLKANOV, N. N. and STRELKOV, N. M.

"The effect of cold on components which are applied for serological diagnostics of glanders,"
Author's report. In symposium: Nauch.-prakt. raboty voyen-vet. sluzhby, Moscow, 1948,
p. 93-94

SO: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

POLKANOV, N. N. and STRELKOV, N. M.

"The activity of counter-tetanus anatoxin subjected to refrigeration," (Author's report),
In symposium: Nauch.-prakt. raboty voyen-vet. sluzhby, Moscow, 1948, p. 95-96

so: U-3850, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

POLKANOV, N. N.

"Rapid Method of Staining a Histological

Section for Leptospira," Veterinariya, No. 1, -p-18

1950. Cand. Vet. Sci., -cl950-.

POLKANOV, N.N., Cand. of Vet. Sci.; and DUBAKIN, N.I.

"On Leptospirosis of horses."

SO: Veterinariya 27(9), 1950, p. 34

POLKANOV, Yu.A.

Using luminescent and all-purpose photometers in the rapid analyses of placer minerals and the products of their enrichment. Razved. i okh. nedr. 30 no.11:53 N '64. (MIRA 18:4)

1. Institut mineral'nykh resursov AN UkrSSR.

POLKANOV, Yu.A.

Diagnostics of monazite and xenotime in concentrates. Zap. Vses.
min. ob-va 94 no.1:124 '65. (MIRA 18:3)

1. Institut mineral'nykh resursov Gosudarstvennogo geologicheskogo
komiteta SSSR, Simferopol'.

POLKANOV, Yu.A. [Polkanov, IU.O.]; KASHKAROV, I.F.

Baddeleyite from the littoral sands of the Ukraine. Dop. AN URSR
no.6:769-770 '65. (MIRA 18:7)

1. Institut mineral'nykh resursov, Simferopol'.

KASHKAROV, I.F.; POLKANOV, Yu.A.

Find of diamonds in titanium-zirconium sands. Dokl. AN
SSSR 157 no.5:1129-1130. Ag '64. (MIRA 17:9)

1. Institut mineral'nykh resursov, Simferopol'. Predstavleno
akademikom D.I. Shcherbakovym.

YURK, Yu.Yu.; KASHKAROV, I.F.; POLKANOV, Yu.A. [Polkanov, I.U.O.]; SIZOVA, R.G.
[Syzova, R.H.]

Moissanite from the Tertiary titaniferous sands of the Azov Sea
region. Dop. AN URSR no.11:1517-1519 '65.

(MIRA 18:12)

1. Institut mineral'nykh resursov AN UkrSSR.

POLKANOV, Yu.O.

Luminescence of zircon. Mat.z min.Ukr. no.2:158-159 '61.
(Zircon) (Luminescence) (MIRA 15:8)

POLKANOV, Yu.O.; DUBLYANSKIY, V.M. [Dublians'kiy, V.M.]

Interesting find of accessory Iceland spar in the Crimea. Mat.z.
min.Ukr. no.2:149-152 '61. (MIRA 15:8)
(Crimea--Iceland spar)

POLKANOVA, L. N.

USSR/Chemistry - Furfural

Dec 48

"Absorption Spectrum of Furfural in Acid and Alkali Solutions," A. A. Dobrinekaya, M. B. Neyman, L. N. Polkanova, R. V. Protsenko, Inst of Chem, Gor'kiy State U, 3 3/4 pp

"Dok Ak Nauk SSSR" VolLXIII, No 5

Study of the absorption spectrum of furfural, one of the most interesting representatives of aldehydes because of its bond system, confirmed previously advanced theory of the equilibrium of alpha and beta forms in solutions of unsaturated aldehydes and ketones. Submitted by Acad N. N. Semenov 12 Oct 48.

PA 55/49T16

BURSHTAR, M.S.; VARUSHCHENKO, S.I.; POLKANOVA, L.P.

Most recent tectonics of the Crimean plain. Sov. geol. 8 no.3:
128-131 '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut.

POLKANOVA, N. YE.

PA 34/49T24

USSR/Medicine - Wounds, Therapy
Medicine - Ointments, Effects

Jun 48

"Morphological Changes in Trauma Treated With Vishnevskiy's Ointment," N. Ye. Polkanova, Chair of Path Anat, Stalinabad Med Inst, 3 pp

"Khirurgiya" No 6

Data includes 18 wounded surfaces. Concludes that application of Vishnevskiy's ointment has positive effect on course of regenerative process in wound. It accelerates formation of granulation tissue, localizes necrotic processes, and speeds up epithelial formation.

34/49T24

POLKANOVA, V.B.

Possibility of the manifestation of recent faultings in the modern relief
of the central part of the West Siberian Plain. Trudy SNIIGGIMS
no.26:134-144 '62. (MIRA 16:3)

(West Siberian Plain--Faults (Geology))
(West Siberian Plain--Landforms)

KABANOV, Yu.M.; POLKHOVSKIY, S.S.

New electric tools for use in building and repair work. Gor.khoz.
Mosk. 33 no.4:35-36 Ap '59. (MIRA 12:6)
(Power tools)

L 30234-66 EWT(1)/T JK

ACC NR: AP6020153

SOURCE CODE: UR/0250/65/009/002/0125/0126

AUTHOR: Bulanov, P. A.; Polkhovskiy, V. A. 26 B.

ORG: Department of Microbiology, Belorussian State University im. V. I. Lenin
(Kafedra mikrobiologii, Belorusskiy gosudarstvennyy universitet)

TITLE: Reproduction of the phages of Bacillus subtilis in a cell-less bacterial medium

SOURCE: AN BSSR. Doklady, v. 9, no. 2, 1965, 125-126

TOPIC TAGS: bacteria, virology, bacteriophage

ABSTRACT: It had long been believed that bacteriophages, like viruses, reproduce only in the living cells of the host organism. This has, however, recently been refuted by discoveries of Soviet and American scientists who synthesized the poliomyelitis and tobacco mosaic viruses in dead-cell and tobacco-leaf juice media. In June 1964 P. A. Bulanov (DAN BSSR, Vol. 8, No. 9, 1964) synthesized the staphylococcal bacteriophage in a medium containing no living cells. Accordingly, the authors pursued further this line of research in bacterial viruses (phages) which are a unique model for investigating the nature of viruses. To this end, they worked to develop a cell-less bacterial medium in which bacteriophages of Bac. subtilis could be cultured. This nutrient medium was prepared from lysozyme-sensitive yet nonlysogenic strain of Bac. subtilis No. 48 taken from soil in Minskaya Oblast. The concentration of the suspension was 1.5

Card 1/2

L 30234-66

ACC NR: AP6020153

0
billion microbial cells per cc. The culture was grown on meat-peptone agar and crystalline lysozyme (0.005 g per 100 cc of suspension) was added. Complete lysis of the cells followed in 10-15 min, whereupon the solution was further processed and 0.2 cc of phages of *Bac. subtilis* was added to the medium.

Phage reproduction was determined according to the lytic activity of the phages. The experiments established the fundamental possibility of growing bacteriophage cultures in cell-less systems. [JPRS]

SUB CODE: 05 / SUBM DATE: 28Oct64 / ORIG REF: 002 / OTH REF: 005

Card 2/2 CC

BULANOV, P.A.; POLKHOVSKIY, V.A.

Reproduction of *Bacillus subtilis* phages in a noncellular
bacterial medium. Dokl. AN BSSR 9 no.2:125-126 F '65.

(MIRA 18:5)

1. Belorusskiy gosudarstvennyy universitet imeni Lenina,
kafedra mikrobiologii.

POLKHOVSKIY, V.A.

Phage typing of Bacillus cereus. Dokl. AN BSSR 9 no.8:552-554
Ag '65.

(MIRA 18:10)

1. Belorusskiy gosudarstvennyy universitet imeni V.I. Lenina.

BULANOV, P.A.; POLKHOVSKIY, V.A.

Reproduction of the bacteriophage of *Bacillus cereus* in
a noncellular bacterial medium. Izv. AN Kazakh. SSR. Ser.
biol. nauk 3 no.6:40-42 N-D '65. (MIRA 18:12)

SMOLYAK, L.P. [Smol'sk, L.P.]; KOLESHKO, O.I. [Koleshka, V.I.];
PAIKHONSKIY, V.A. [Paikrouski, V.A.]

Effect of drainage on the amount of microelements in swampy
forest soils. Vestsi AN BSSR. Ser. biol. nav. no. 4:37-41 '64.
(MIRA 18:12)

POL'KIN, A. I.

"A General Course in the Concentration
of Non-ferrous Metal Ores", (bk) by
S. I. Pol'kin and V. Ya. Chumarov.
Reviewed by K. A. Simonov. Tsvet. Met.
14, No 6, 1939.

Report U-150b, 4 Oct. 1951.

I 37167-66 EWT(m)/T/EWP(t)/ETI/EWP(k) IJP(c) JD/HW/GD

ACC NR: AT6016421

(N)

SOURCE CODE: UR/0000/65/000/000/0145/0150

AUTHORS: Novikov, I. I.; Pol'kin, I. S.; Barsukov, A. D. 38

ORG: none

TITLE: High-temperature thermomechanical treatment of titanium alloy VT15 18 27 18SOURCE: AN SSSR, Institut metallurgii. Metallovedeniye legkikh splavov (Metallography of light alloys). Moscow, Izd-vo Nauka, 1965, 145-150TOPIC TAGS: solid mechanical property, titanium alloy / VT15 titanium alloy

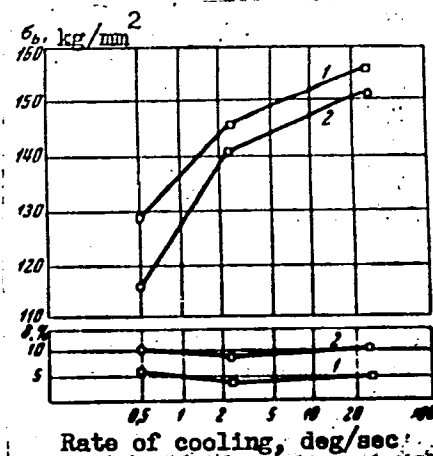
ABSTRACT: The effect of high-temperature annealing on the mechanical properties of alloy VT15 was investigated. The investigation supplements the results of G. N. Tarasenko and S. G. Glazunov (Metallovedeniye i termicheskaya obrabotka, 1963, No. 2, str. 3). The tensile strength and microstructure of the specimens were studied as a function of the degree of deformation at various temperatures (750--1000C). The effects of air and water quenching and the rate of cooling on the mechanical properties of the specimens were also studied. The experimental results are presented graphically (see Fig. 1). High-temperature aging of alloy VT15 increases its mechanical properties. It is suggested that the increase in the mechanical properties is directly dependent on the grain size of the alloy. 18 16

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L 37167-66

ACC NR: AT6016421

Fig. 1. Dependence of the mechanical properties of aged alloy VT15 on the rate of cooling during high-temperature treatment, starting from 850C. 1 - 40% deformation, 2 - 80% deformation.



Orig. art. has: 1 table and 4 graphs.

SUB CODE: 11/ SUBM DATE: 16Sep65/ ORIG REF: 002

Card 2/2 of

L 38973-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6013366

SOURCE CODE: UR/0370/66/000/002/0131/0136

30
B

AUTHOR: Novikov, I. I. (Moscow); Pol'kin, I. S. (Moscow); Kasparova, O. V. (Moscow)

ORG: none

TITLE: Effect of oxygen on β -phase decomposition kinetics in VT15 titanium alloy

SOURCE: AN SSSR. Izvestiya. Metally, no. 2, 1966, 131-136

TOPIC TAGS: titanium alloy, oxygen, metal phase system / VT15 titanium alloy

ABSTRACT: Since an admixture of oxygen, which is an α stabilizer, should have a pronounced effect on the stability of the supercooled β phase in titanium alloys, it appeared of interest to determine the influence of oxygen on the decomposition of the β phase in the thermally hardened titanium alloy VT15 containing 0.08, 0.16, 0.34, and 0.53% O₂. The decomposition kinetics were studied by means of metallographic and dilatometric analyses and hardness measurements. The start of an increase in hardness was taken as the start of separation of the α phase. As the oxygen content of the alloy increases, the supercooled β phase becomes less stable, and the incubation period of α -phase separation is shortened at all temperatures; the α -phase formations become more and more dispersed, and there is a rise in the temperature of transition from uniform decomposition throughout the volume of the β grains to localized decomposition starting at the grain and subgrain boundaries. Oxygen decreases

Card 1/2

UDC: 669.295

Card

2/2 MZP

POLKIN, M.I.; SUSLOV, V.O.

Design and calculation of a gating system for the founding of
high strength cast iron with nodular graphite. Nauk. pratsi
Inst. lyv. vyrob. AN URSR 8:107-117 '59. (MIRA 14:1)
(Iron founding)

POLKIN, N.I.

PHASE I BOOK EXPLOITATION

507/5729

Nauchno-tekhnicheskaya konferentsiya po razvitiyu proizvoditel'nykh sil Kiyevskogo ekonomicheskogo rayona

Goryachaya obrabotka metallov; trudy konferentsii. vyp. 2. (Hot Working of Metals; Transactions of the Scientific Technological Conference on the Development of the Productive Forces of the Kiyev Economic Region. no. 2) Kiyev, Izd-vo AN UkrSSR, 1960. 142 p. 1000 copies printed.

Sponsoring Agency: Akademiya nauk Ukrainskoy SSR. Sovet po izuchaniyu proizvoditel'nykh sil UkrSSR. Institut litaynogo proizvodstva. Sovet narodnogo khozyaystva Kiyevskogo ekonomicheskogo rayona. Tekhniko-ekonomicheskly sovet.

Editorial Board: Resp. Ed.: A.A. Gorshkov, Corresponding Member, Academy of Sciences UkrSSR, B.B. Tsizin, Engineer, and F.A. Novikov, Engineer; Ed. of Publishing House: T.K. Remennik; Tech. Ed.: O.A. Kadashovich.

PURPOSE: This collection of articles is intended for technical personnel in machine plants and planning organizations, scientific workers, and teachers in technical schools of higher education.

Card 1/6

POLKIN, N.I.

Hot Working of Metals (Cont.)

SCV/5769

COVERAGE: The book is devoted to problems of the introduction of advanced technology and processing in founding and pressworking. Problems in powder metallurgy are also analyzed. No personalities are mentioned. References accompany some of the articles. There are 56 references, mostly Soviet.

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5

Zharov, N.T. [Candidate of Technical Sciences; Institut avtomatiki Gosplana UkrSSR-Automation Institute of the State Planning Committee of the UkrSSR]. The Present State and Outlook for Automation in Foundry

15

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Hot Working of Metals (Cont.)

SOV/5789

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- Kryzhanovskiy, O.M., V.I. Vrublevskiy, and V.Ya. Soltyk [Engineers; Institute of Founding of the Academy of Sciences UkrSSR]. Automatically Sustaining the Maximum Temperature of Overheated Cast Iron in a Cupola 102
- Dubrov, V.V. [Candidate of Technical Sciences; Institute of Founding of the Academy of Sciences UkrSSR]. Replacement of Malleable Cast-Iron Blanks by Those of Nodular Cast Iron 109
- L'vov, G.K. [Docent; Kiyev Polytechnic Institute]. New Processes in the Heat Treatment of Steel 116

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GORSHKOV, A.A. [Horshkov, A.A.]; POLKIN, M.I. [deceased]; KRASNOGOLOVTSEV,
V.S. [Krasnokolovtsev, V.S.]

New methods of treating liquid cast iron with magnesium. Nauk
pratsi Inst.lyv.vyrob.AN URSR 9:92-101 '60. (MIRA 15:3)
(Cast iron--Metallurgy)

Extraction of ferruginous lead concentrates from oxidized lead ores of the Kara-Ken-Sai deposit (Kashgaria, Turkestan District, U.S.S.R.) S. I. Baklanov, *Tekhnicheskii Zhurnal*, No. 12, 10-49.—The ores of the district contain Pb 16-18%, Zn 2-3% and Fe 36%. They are oxidized Pb-Pe ores consisting mainly of limonite and cerussite, have colloidal slimes. The separation of Zn, Pb and Fe presented a difficult problem. Concentrates were made in order to obtain the iron ochre and the Pb concentrates. Because of the large proportion of slimes (50%) table flotation was inapplicable. Flotation with coal gave 85-75% extraction of Pb. The Zn concentrate could not be floated, but remained uniformly distributed among the products of floatation. The slimes containing iron ochre were contaminated with Pb and Zn, and could not be used for the manufacture of paint; however, they could be used for the manufacture of varnish.

H. N. Daniloff

AS - 114 METALLURGICAL LITERATURE CLASSIFICATION

0 8 3 2 9 7 6 4 3 2 1

The flotation of cassiterite. S. I. Pol'kin and A. A. Boldyrev. *Gorno-Metall. Zhur.* No. 6, 38 (1938).—The source of raw material was the concentrate from the Sberlovogorsk concentrator, which contains in decreasing order cassiterite, limonite, wolframite, quartz, beryl, pyrite, chakopyrite and galenite. By grinding the cassiterite to -100 mesh and using oleic acid as a collector as well as Na oleate or inexpensive soap (CuSO_4 and FeSO_4) were used with the last two), and pine oil as a frothing agent, the extn. of cassiterite into the concentrate may be as high as 90%. Flotation is best in a weakly alk. medium.

B. Z. Kamich

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Flotation of oxidized minerals (scorodite and wolframite). C. I. Polkin and N. I. Olumina. *Lecture Metal* 1940, No. 12, 70-71. Lab. expts. showed that flotation of scorodite can be accomplished by using Na oleate and pine tar in the presence of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ and $\text{ZnSO}_4 \cdot 7\text{H}_2\text{O}$. Flotation of wolframite can be done most effectively by using oleic acid, Na oleate and pine tar. In weakly acid media in the presence of small amounts of water glass, Na oleate and pine tar, it is possible to sep. wolframite and scorodite from quartz, with 92.3% recovery of As (with As content of 24% in the concentrate and 0.36% in the tailings). B. N. Dandoff

ALB-51A METALLURGICAL LITERATURE CLASSIFICATION

ANDREYEV, P.I.; POL'KIN, S.I.

Effect of treatment by sulfuric acid and sodium silicate on the
flotation of pyrochlore, ilmeno-rutile, and zircon by an ANP-14
cationic collector. Izv. vys. ucheb. zav.; tsvet. met. 5 no.4:
46-53 '62. (MIRA 16:5)

1. Moskovskiy institut stali, kafedra obogashcheniya rud redkikh
i radioaktivnykh metallov.
(Flotation--Equipment and supplies) (Nonferrous metals)

POL'KIN, S.I.; SAKSAGANSKAYA, I.P.; ANDREYEV, P.I.

Certain specific characteristics of the primary treatment of
placer deposits containing zirconium and titanium; review of
foreign publications. TSvet. met. 36 no.1:82-87 Ja '63.

(MIRA 16:5)

(Placer deposits) (Zirconium) (Titanium)

POL'KIN, S. I., editor

Spravochnik Po Matematike Dlya Obogatiteley (Handbook on Mathematics for Ore Dressers). Moskva, Metallurgizdat, 1951 320 pages, illus., tables.

N/5 611 .P7

POLKIN, S. I.

8
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Use of "phosphotene" for study of flotation properties of zircon, cassiterite, quartz and feldspar. S. I. Pol'kin and O. A. Lakhova. Sbornik Nauch. Trudov. Inst. Tselnykh Metallov i Zolota 1955, No. 25, 25-32; Referat. Zhur. Met. 1956, No. 1840. Investigation of flotation properties of zircon (I), cassiterite (II), quartz (III), and feldspar (IV) with phosphotene, a new collector, showed that max. extn. of I and II was at pH 4-10.5. At $pH > 10.5$ extn. of minerals stops. Change of pH did not give pos. results on flotation of unactivated III and IV. A small amt. of cationic salt of heavy metal activated I. Satg. the soln., they formed with phosphotene compds, without collecting properties. III and IV were well activated by $FeCl_3$. For this reason sepn. of minerals in the pulp requires a regulator. Adsorption of Fe and Sn radiolabels preceded better in acid than alk. medium. Selective action of Na.

SiO_2 was more satisfactory for sepn. of III and I. IV activated with $FeCl_3$ could be sepd. from I by increased use of Na_2SiO_3 (to 700 g./ton). V. N. Bednarski

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POL'KIN, S.I.; KUZ'KIN, S.P.; GOLOV, V.M.

Radiographic method of studying the interaction of flotation
reagent with the surface of minerals. TSvet.met. 28 no.1:13-19
Ja-F '55. (MIRA 10:10)

1. Mintsvetmetzoloto.
(Flotation) (Radiography)

Pol'kin, S. I.

18
Treating complex tin-lithium ores. S. I. Pol'kin and
I. P. Saksaganskaya. U.S.S.R. 102,592, Apr. 30, 1958.
Cassiterite, amblygonite, hebronite, and lepidolite are
collectively floated from the original ore or from the tailings
after removal of cassiterite. The collective concentrate
is treated hydrometallurgically to remove Li as salts, and
from the residue Sn is concd. by flotation. M. Hoseh

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